

**BAYTRONICS
CORPORATION**

APR 02 1980

**OAKLAND, CALIF.
REC'D. ON ABOVE DATE**

TO: All Service Departments
FROM: Walter E. Kaelin, V.P. Engineering
DATE: March 20, 1980
SUBJECT: Mariner 80, Involuntary reverting to channel 16.

When installed in proximity of a strong R.F. field, it has been noted that certain Mariner 80 VHF radiotelephones, Serial Numbers 2000 and above, can involuntarily revert back to channel 16 from the operating channel. The R.F. field is usually from a 1 KW HF transmitter, but can sometimes be from a transmitting VHF antenna that is close to the Mariner 80.

The fix is simple: merely remove by clipping out Transistor Q11 (Type TIS97) on the A4 Interface printed circuit board. All Mariner 80's shipped since January 15, 1980 have already been modified at the factory.

BUD
DALE
STEVE
FILR

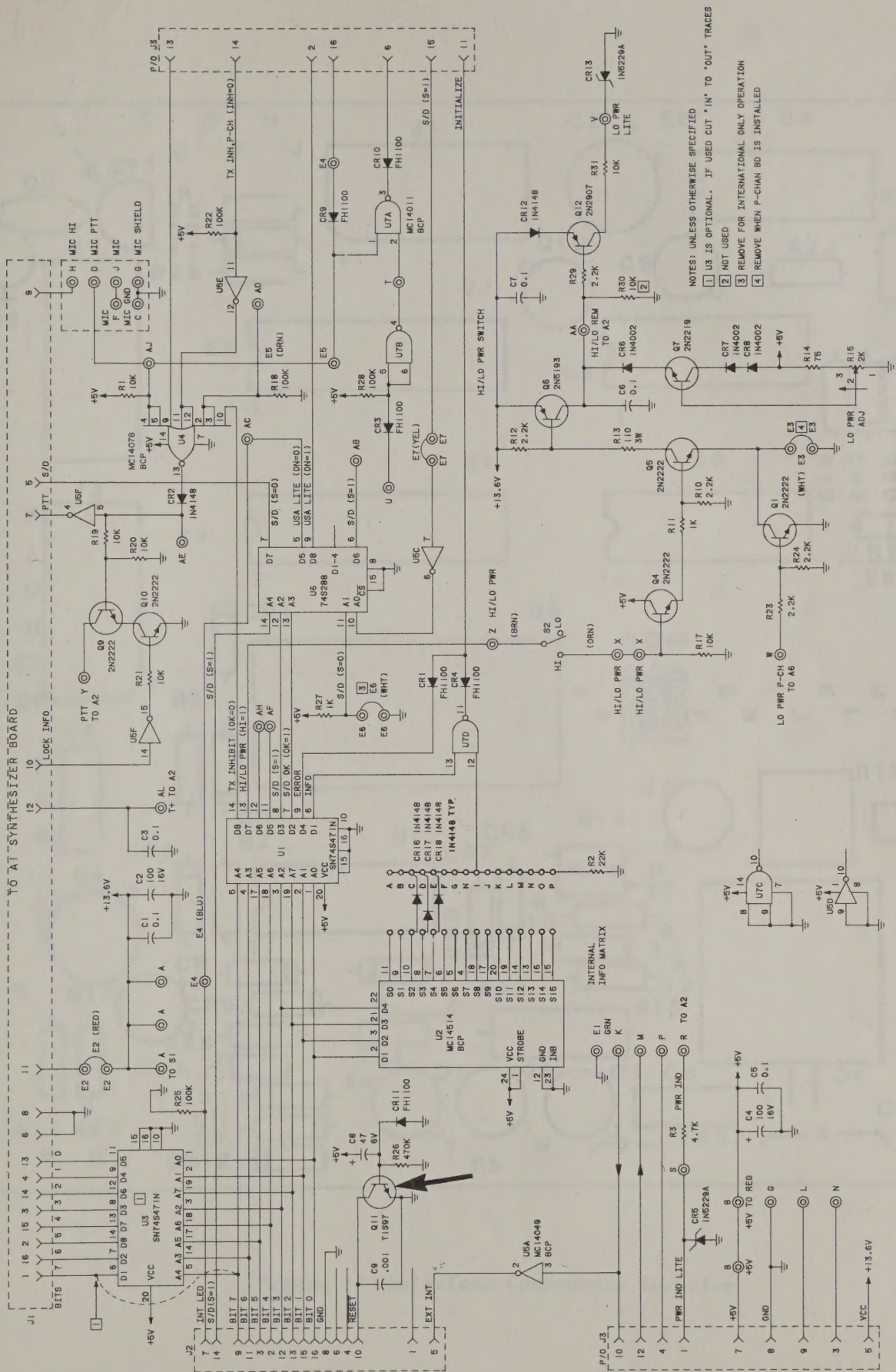


Figure 13 Interface Schematic

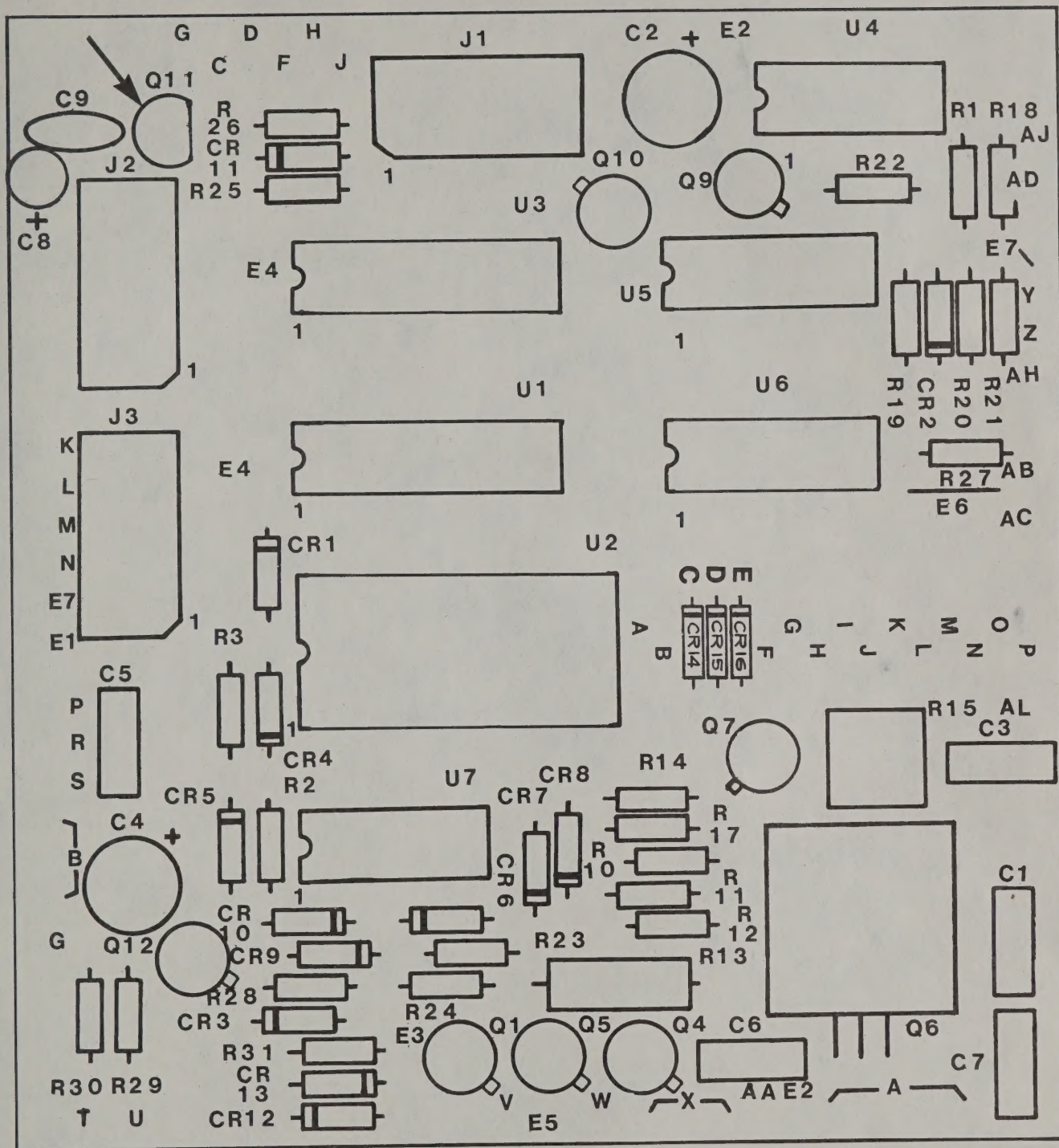


Figure 14 Interface Components Location

